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WMAP Cosmological Parameters

Model: lcdm+yhe

Data: wmap9+spt+act+h0

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$10^9 \Delta_{\mathcal{R}}^2$	$2.332 \pm 0.082$	$H_0$	$72.1 \pm 1.4 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	$< 14$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$13.0 \pm 2.8$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 13$ (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	$5764 \pm 32 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14169 \pm 93 \text{ Mpc}$	$d_A(z_*)$	$14004 \pm 94 \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	$13.00^{+0.20}_{-0.19}$	$\eta$	$(6.25 \pm 0.11) \times 10^{-10}$
$k_{\text{eq}}$	$0.00985^{+0.00022}_{-0.00023}$	$\ell_{\text{eq}}$	$137.9 \pm 2.3$
$\ell_*$	$301.24^{+0.50}_{-0.51}$	$n_b$	$(2.566 \pm 0.045) \times 10^{-7} \text{ cm}^{-3}$
$n_s$	$0.986 \pm 0.012$	$\Omega_b$	$0.0440 \pm 0.0014$
$\Omega_b h^2$	$0.02285 \pm 0.00040$	$\Omega_c$	$0.216 \pm 0.014$
$\Omega_c h^2$	$0.1121 \pm 0.0031$	$\Omega_\Lambda$	$0.740 \pm 0.015$
$\Omega_m$	$0.260 \pm 0.015$	$\Omega_m h^2$	$0.1350 \pm 0.0031$
$r_s(z_d)$	$152.48 \pm 0.98 \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	$0.3562 \pm 0.0077$
$r_s(z_d)/D_v(z = 0.2)$	$0.1941 \pm 0.0039$	$r_s(z_d)/D_v(z = 0.35)$	$0.1163 \pm 0.0021$
$r_s(z_d)/D_v(z = 0.44)$	$0.0953 \pm 0.0016$	$r_s(z_d)/D_v(z = 0.54)$	$0.0804 \pm 0.0012$
$r_s(z_d)/D_v(z = 0.57)$	$0.0769 \pm 0.0012$	$r_s(z_d)/D_v(z = 0.6)$	$0.0738 \pm 0.0011$
$r_s(z_d)/D_v(z = 0.73)$	$0.06351 \pm 0.00084$	$r_s(z_*)$	$146.04 \pm 0.87$
$R$	$1.716 \pm 0.010$	$\sigma_8$	$0.826 \pm 0.020$
$\sigma_8 \Omega_m^{0.5}$	$0.421 \pm 0.019$	$\sigma_8 \Omega_m^{0.6}$	$0.368 \pm 0.019$
$A_{\text{SZ}}$	$< 1.6$ (95% CL)	$t_0$	$13.601^{+0.082}_{-0.083} \text{ Gyr}$
$\tau$	$0.091 \pm 0.014$	$\theta_*$	$0.010429^{+0.000018}_{-0.000017}$
$\theta_*$	$0.59753 \pm 0.00100^\circ$	$\tau_{\text{rec}}$	$284.3 \pm 1.7$
$t_{\text{reion}}$	$428^{+61}_{-62} \text{ Myr}$	$t_*$	$377848^{+2840}_{-2833} \text{ yr}$
$Y_{\text{He}}$	$0.302 \pm 0.027$	$z_d$	$1021.03 \pm 0.94$
$z_{\text{eq}}$	$3230 \pm 74$	$z_{\text{rec}}$	$1090.0 \pm 1.1$
$z_{\text{reion}}$	$11.1 \pm 1.2$	$z_*$	$1090.54^{+0.60}_{-0.59}$

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